Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 05 Apr 2023 until 23:59 on Thursday 06 Apr 2023

Forecast Issued on Tuesday 04 Apr 2023 at 11:28

Confidence: High for overall evolution, but lower for timing of frontal system on Wednesday and shower detail on Thursday.

Headline for Wednesday 05 Apr 2023: Cloudy, wet and breezy.

Mountain weather hazards on Wednesday 05 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light rain	Light rain	Light rain	Light rain	Heavy Rain
Precipitation probability							
00%	00%	40%	90%	>95%	>95%	>95%	>95%

Forecast for Wednesday 05 Apr 2023

Weather: Cloud thickening from the west overnight to bring outbreaks of rain to the park around dawn. Outbreaks of rain then persist through daylight hours, occasionally giving some heavier bursts. By midnight the rain should become lighter and patchy.

Chance of cloud-free hill tops above 600m: Perhaps 60% at first but soon deteriorating to near zero for the remainder of the day, especially on southwest facing summits.

Low Cloud and visibility: Perhaps moderate to good at first, but soon deteriorating to often poor visibility, with cloud bases lowering then persisting at around 300-400m, especially on southwest facing upslopes.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 05 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 S	13/21 SW	12/18 S	14/21 S	16/23 S	16/24 S	14/22 S	12/18 S	10/15 SW
300	3/11 S	4/14 S	5/12 S	8/16 S	9/18 S	10/20 S	8/17 S	5/12 S	6/13 SW
Valley	2/8 SE	3/14 S	5/15 S	8/17 S	9/19 S	8/19 S	7/17 S	6/15 S	5/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/-1	3/-1	3/-1	4/-1	4/-0	5/0	5/1	5/2
300	4/3	4/2	5/3	6/3	6/3	6/4	7/4	7/5	7/5
Valley	5/4	6/4	7/5	7/5	8/5	8/6	8/6	8/6	8/7
Freezing Level*	1100m	1100m	1300m	1700m	1700m	1900m	1900m	1800m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As mentioned above often poor visibility soon developing, and wet conditions combined with breezy summit winds will give a significant chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 04 Apr 2023	0mm	1.2mm	1.4mm

Forecast for Thursday 06 Apr 2023

Weather: Patchy light rain and drizzle in the early hours, will gradually clear to showery conditions by daybreak. Showers could be locally heavy for a time in the first part of the day, with a low risk of thunder/hail. However, these should become lighter and isolated through the afternoon into the evening, to give a largely dry end to the day with sunny spells.

Maximum wind: West-Northwest 20mph, gust 30-35mph, decreasing later.

Chance of cloud-free hill tops above 600m: Near zero in the early hours but improving by daybreak to become 90% or more by early afternoon.

Low Cloud and visibility: Poor visibility with cloud bases around 200-400m in the early hours, but improving by daybreak with cloud breaking and gradually lifting through the morning, becoming largely clear of summits by early afternoon.

Temperature: **Valleys:** Plus 6 Celsius becoming Plus 11 Celsius.
At 600m: Plus 4 Celsius.
Freezing level: Above summits.

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